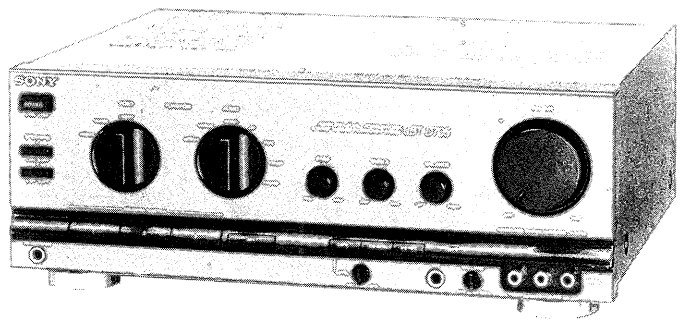
TA-D705

SERVICE MANUAL

E Model
Australian Model



SPECIFICATIONS

Continuous RMS power output
70 W + 70 W
(6 ohms, at 1 kHz, 5% THD)
60 W + 60 W
(6 ohms, DIN, 1 kHz)

Music power output
100 W + 100 W
(6 ohms, at 1 kHz, 10% THD)

Input	Jack type	Sensitivity	Impedance
PHONO (MM)	Phono	2.5 mV	47 kohms
VIDEO1/DAT	Phono	200 mV	47 kohms
VIDEO2	Phono	200 mV	47 kohms
VEDEO3	Phono	200 mV	47 kohms
CD	Phono	200 mV	47 kohms
EQUALIZER	Phono	200 mV	47 kohms
MIC	Phone	1 mV	10 kohms

Output	Jack type	Voltage	Impedance
VIDEO1/DAT	Phono	180 mV	2 kohms
VIDEO 2	Phono	180 mV	2 kohms
EQUALIZER	Phono	180 mV	2 kohms
SURROUND SPEAKER	Phono	Accepts speakers of 16 ohms	
HEADPHONES	Stereophone	Accepts headphones of 8 ohms or more	

Frequency response	10 Hz to 50 kHz $^{+0}_{-3}$ dB
Power requirements	120V/220V/240V AC,50/60Hz
Power consumption	190W
AC outlet	1 unswitched, 100W max.
Weight	Approx. 6.6kg(14 lbs 9 oz)
Dimensions	Approx. 355 × 132.5 × 320 mm (w/h/d, including projections) (14 × 5 1/4 × 12 5/8 inches)

Design and specifications subject to change without notice.

Note
This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

使用時は添付資料も参照のこと
Refer to the additional documents.

STEREO AMPLIFIER

SONY®

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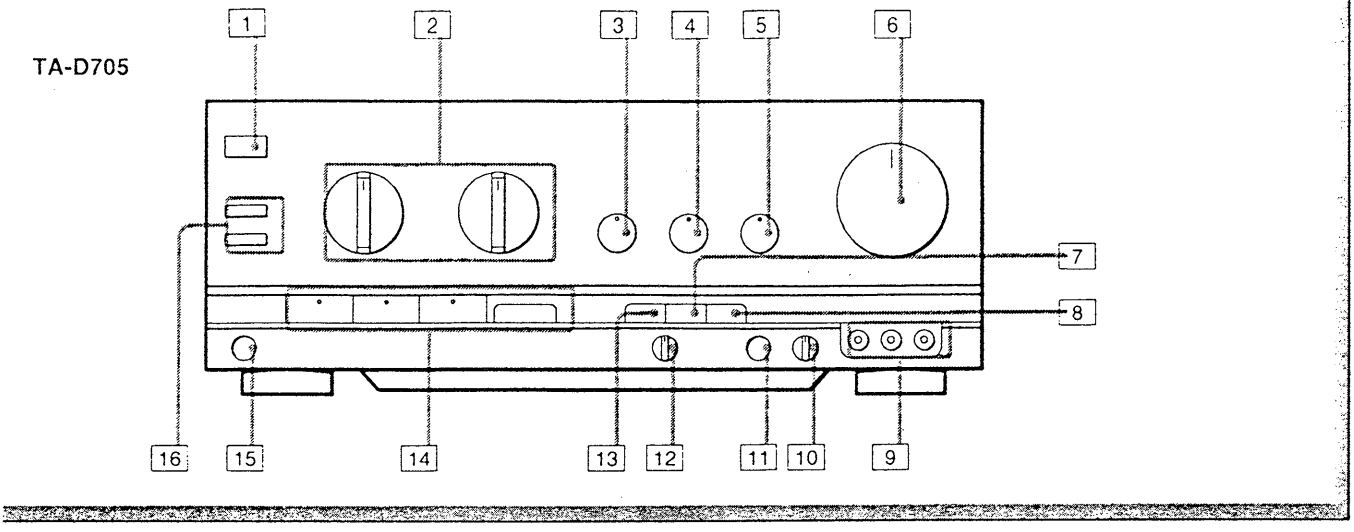
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1
GENERAL

This section is extracted from instruction manual.

TA-D705



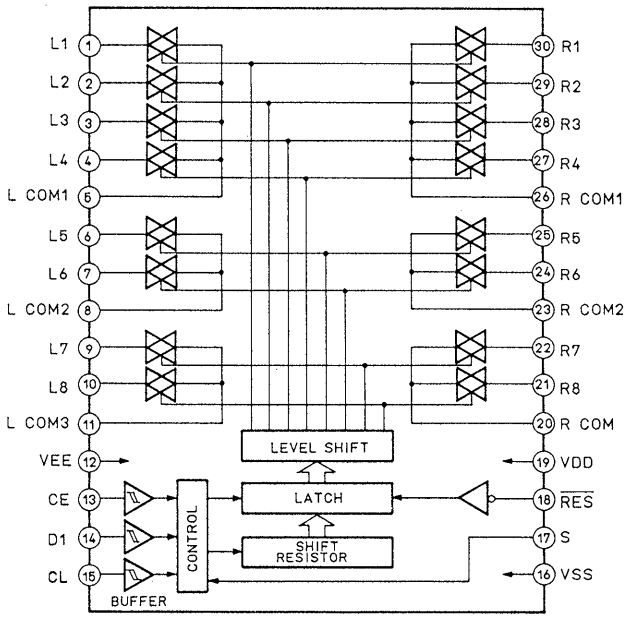
Amplifier

1 POWER switch ⑩
2 FUNCTION selectors and indicators
VIDEO source selector
AUDIO source sleIctor
When the video source is selected, the ausio source is selected at the same time.
To select the ausio source separately, set the video source first.
3 BASS control ⑫
4 TREBLE control ⑫
5 BALANCE control ⑫
6 VOLUME control and indicator ⑫
7 CD DIRECT and indicator ⑭
8 EQ REC button and indicator ㊱
9 VIDEO 3 input jacks ⑨
10 MIC (microphone) LEVEL control ㊽
11 MIC (microphone) jack ㊸
12 DBFB LEVEL control ⑫
13 DBFB button and indicator ⑫
14 Buttons for storing ⑩④ (E3, Saudi Arabia model only)
15 HEADPHONES jack
16 SPEAKERS selectors ⑫

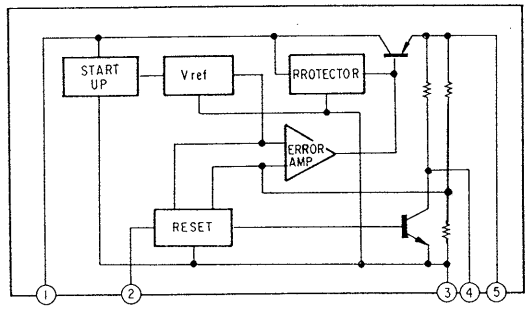
SECTION 2
DIAGRAMS

2-1. IC Block Diagrams

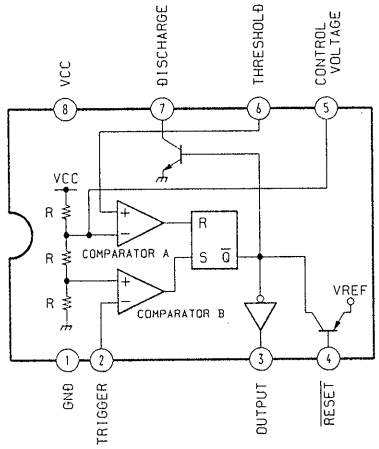
IC102 LC7821



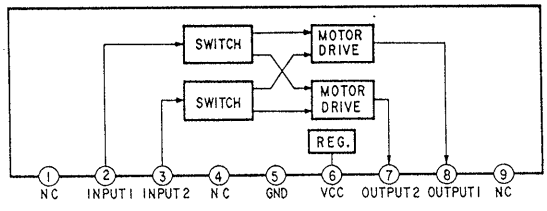
IC903 L78MR06



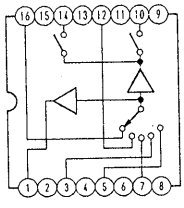
IC706 NE555P



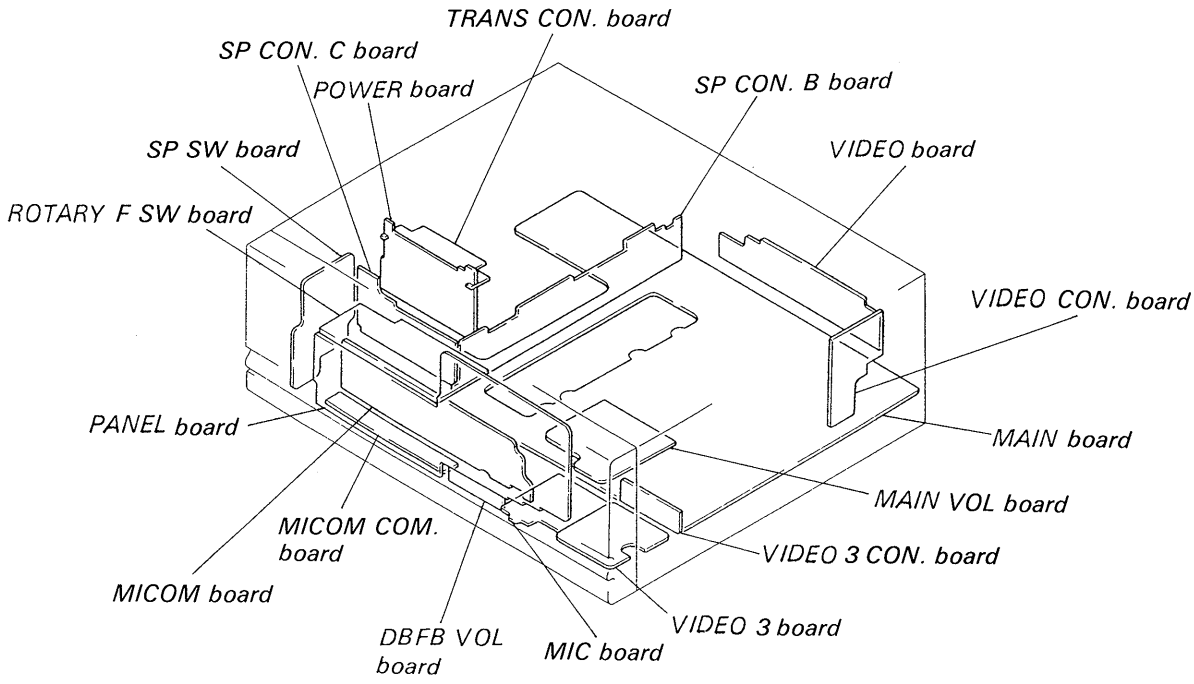
IC702, 703 BA6208



IC401 BA7625

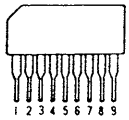


2-2. CIRCUIT BOARDS LOCATION



• Semiconductor Lead Layout

BA6208



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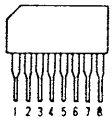
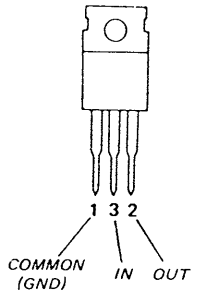
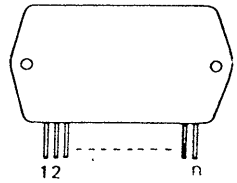
μPC1237HA



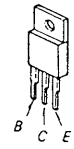
M5F7910L



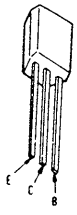
STK4182MK2



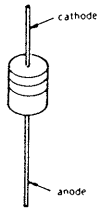
2SB1094-L



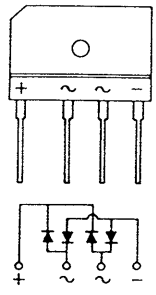
2SC2603-EF
2SC3622A-LK
DTA124ES
DTC124ES



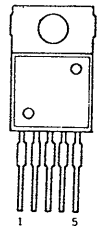
11ES2
1SS120
UZL-33H
UZL-7M1
UZP-6.8BC



RBV-602-01



L78MR06



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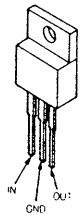

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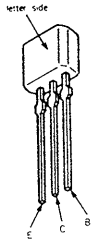
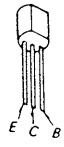
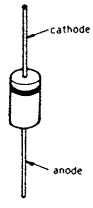


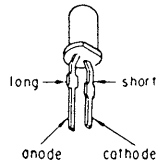
2SC1841-PAFAEA



10E2N
1S1585



SEL2210S-CD



PIN DESCRIPTION

- IC701(μPD75106CW) for system controller

Pin No.	Port	I/O	Nomal	Description
1	P13	I		VIF encode (INT3)
2	P12	I		AUF encode (INT2)
3	P11	I		Pulse timing (INT1)
4	P10	I		AUBUS Input (INT0)
5	PTH03	I		N.C (7 PIN)
6	PTH02	I		N.C (7 PIN)
7	PTH01	I		Relay Input
8	PTH00	I		Volume position
9	T10	I		N.C (GND)
10	T00	I		N.C (GND)
11	P23	O	L	AUBUS Output
12	P22	O	L	N.C
13	P21	O	L	N.C
14	P20	O	L	N.C
15	P03	I		Decision of destination.
16	P02	I		VIF location pulse
17	P01	I		AUF location pulse
18	P00	I		AC cut
19	P123	O	L	Mute
20	P122	O	L	Video mute
21	P121	O	L	N.C
22	P120	O	L	CD DIRECT ON/OFF
23	P133	O	L	Video Input control B
24	P132	O	L	Video Input control A
25	P131	O	L	Video REC control 1
26	P130	O	L	Video REC control 0
27	P143	O	H	EQ REC ON/OFF
28	P142	O	L	LC7821 CE
29	P141	O	L	LC7821 DI
30	P140	O	L	LC7821 CL
31	NC			N.C
32	VDD			Power supply
33	P33	O	H	AUF button LED
34	P32	I		CD DIRECT Key matrix Input
35	P31	I		EQ REC Key matrix Input
36	P30	I		DBFB Key matrix input
37	P43	I		PRESET 1 Key matrix Input
38	P42	I		PRESET 2 Key matrix Input
39	P41	I		PRESET 3 Key matrix Input
40	P40	I		SET Key matrix Input
41	P53	O	L	AU motor SW4051 3
42	P52	O	L	AU motor SW4051 2
43	P51	O	L	AU motor SW4051 1
44	P50	O	L	AU motor SW4051 0
45	RESET	I	H	Used to reset
46	X2			Cristal oscillator
47	X1			Cristal oscillator
48	P63	O	L	Volume Down
49	P62	O	L	Volume Up
50	P61	O	L	VI motor SW4052 1
51	P60	O	L	VI motor SW4052 0
52	P73	O	H	VIF button LED
53	P72	O	H	PRESET 1 LED
54	P71	O	H	PRESET 2 LED
55	P70	O	H	PRESET 3 LED
56	P83	O	L	AUF Down
57	P82	O	L	AUF Up
58	P81	O	L	VIF Down
59	P80	O	L	VIF Up
60	P93	O	H	CD DIRECT LED
61	P92	O	H	EQ REC LED
62	P91	O	H	Volume LED
63	P90	O	H	DBFB ON/OFF & LED
64	VSS			GND potential

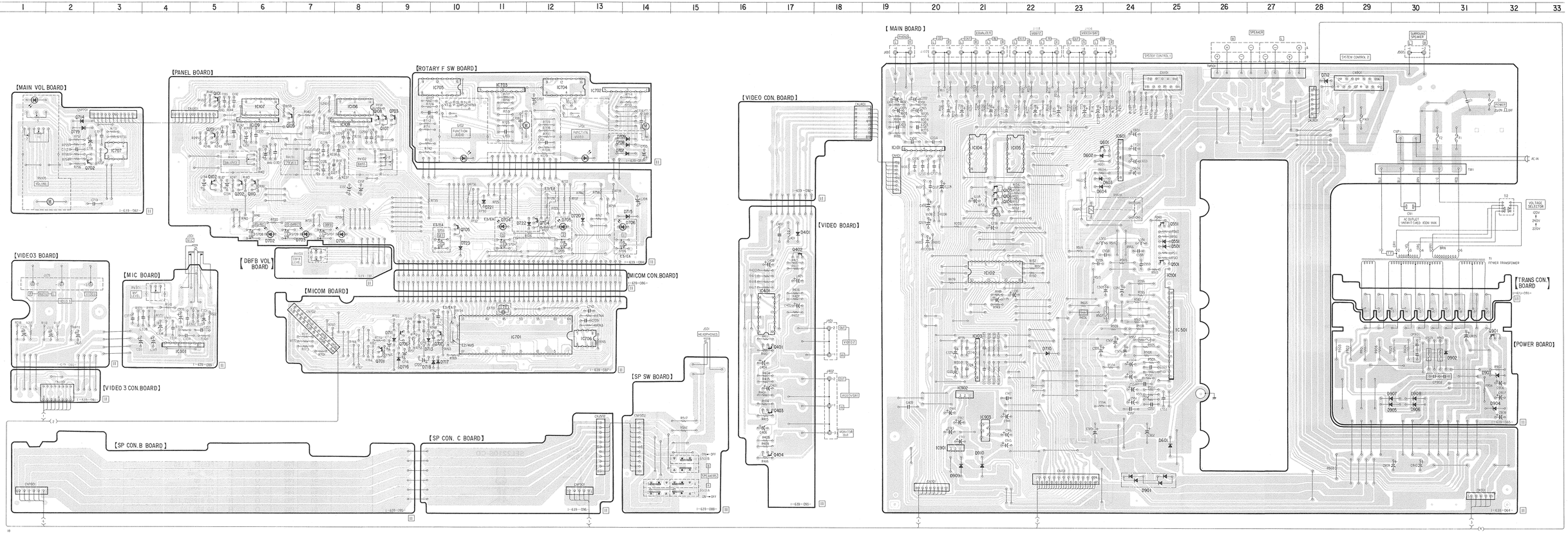
2-3. PRINTED WIRING BARDS

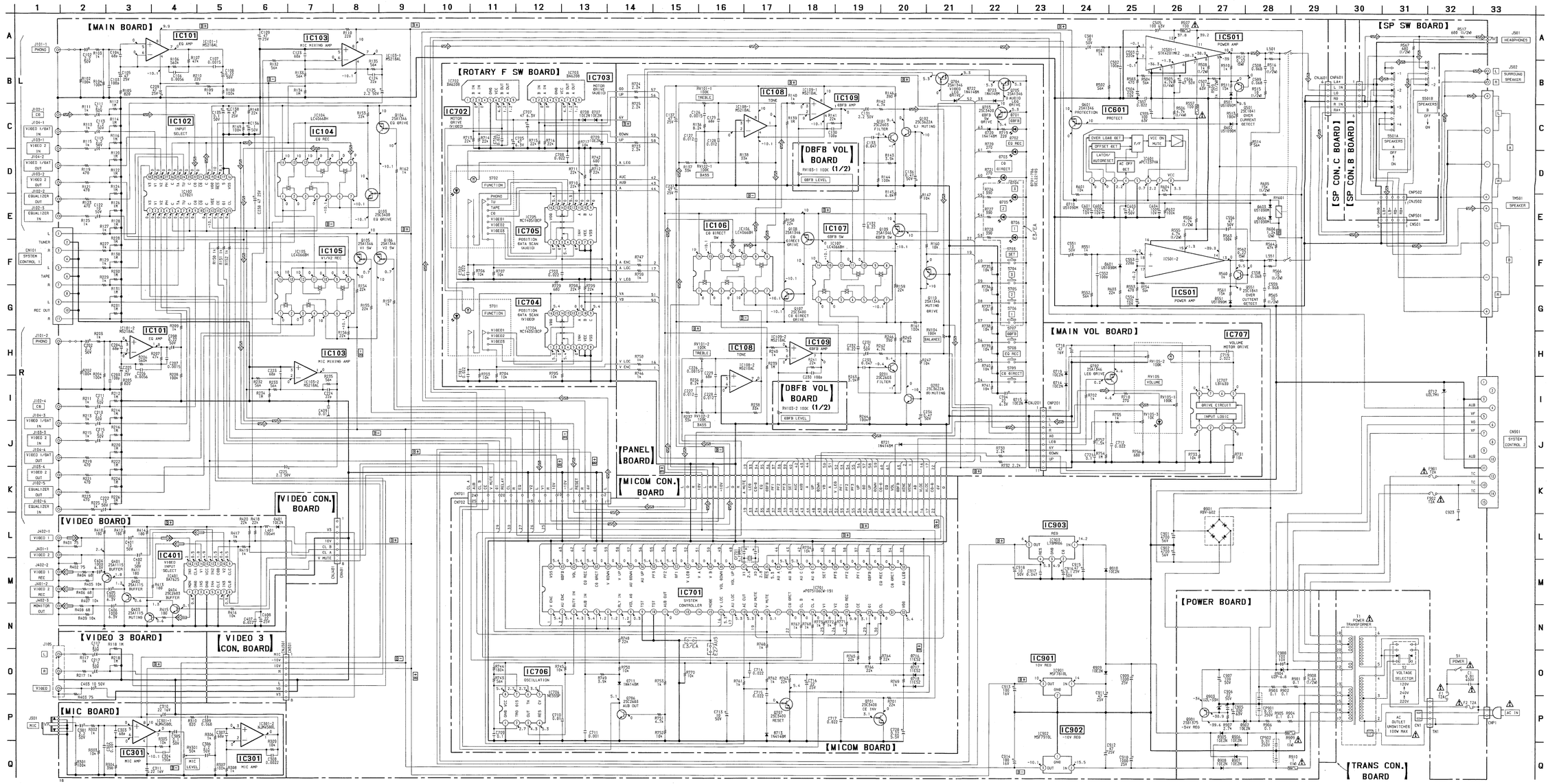
Note:

● ○—— : parts extracted from the component side.

EA : Saudi Arabia

AUS : Australian




【MAIN BOARD】
【ROTARY F SW BOARD】
【SP SW BOARD】
【SP CON. C BOARD】
【SP CON. B BOARD】
【MAIN VOL BOARD】
【DBFB VOL BOARD】 (1/2)
【PANEL BOARD】
【MICOM CON. BOARD】
【VIDEO CON. BOARD】
【VIDEO BOARD】
【VIDEO 3 BOARD】
【VIDEO 3 CON. BOARD】
【MIC BOARD】
【POWER BOARD】
【MICOM BOARD】
【TRANS CON. BOARD】
IC101 EQ AMP
IC102 INPUT SELECT
IC103 MIC MIXING AMP
IC104 EQ REC
IC105 V1/V2 REC
IC106 CD DIRECT SW
IC107 EBFB SW
IC108 TONE
IC109 EBFB AMP
IC401 VIDEO INPUT SELECT
IC501 POWER AMP
IC601 PROTECT
IC701 SYSTEM CONTROLLER
IC702 MOTOR DRIVE (VIDEO)
IC703 MOTOR DRIVE (AUDIO)
IC704 POSITION DATA SCAN (VIDEO)
IC705 POSITION DATA SCAN (AUDIO)
IC706 OSCILLATION
IC707 VOLUME MOTOR DRIVE
IC901 10V REG
IC902 -10V REG
IC903 8V REG
J101-1 PHONO
J102-1 CD
J104-1 VIDEO 1/SAT IN
J103-1 VIDEO 2 IN
J104-2 VIDEO 1/SAT OUT
J103-2 VIDEO 2 OUT
J105-2 EQUALIZER OUT
J102-2 EQUALIZER IN
CN101 SYSTEM CONTROL 1
J101-2 PHONO
J102-4 CD
J104-3 VIDEO 1/SAT IN
J103-3 VIDEO 2 IN
J104-4 VIDEO 1/SAT OUT
J105-4 VIDEO 2 OUT
J105-3 EQUALIZER OUT
J102-3 EQUALIZER IN
J402-1 VIDEO 1
J401-1 VIDEO 2
J402-2 VIDEO 1 REC
J401-2 VIDEO 2 REC
J402-3 MONITOR OUT
J105 VIDEO
J501 MIC
J501 HEADPHONES
J502 SURROUND SPEAKER
SS501A SPEAKERS A
SS501B SPEAKERS B
TH501 SPEAKER
CN901 SYSTEM CONTROL 2
CN201 CD
CN601 SP CON. C BOARD
CN602 SP CON. B BOARD
CN701 PANEL BOARD
CN702 MICOM CON. BOARD
CN301 VIDEO CON. BOARD
CN501 VIDEO 3 CON. BOARD
CN1 AC IN
S1 POWER
T1 POWER TRANSFORMER
S2 VOLTAGE SELECTOR
AC OUTLET UNSWITCHED 150W MAX
AC OUTLET SWITCHED 150W MAX
F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26 F27 F28 F29 F30 F31 F32 F33 F34 F35 F36 F37 F38 F39 F40

SECTION 3
EXPLODED VIEWS

NOTE:

- −XX, −X mean standardized parts, so they may have some differences from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Color Indication of Appearance Parts

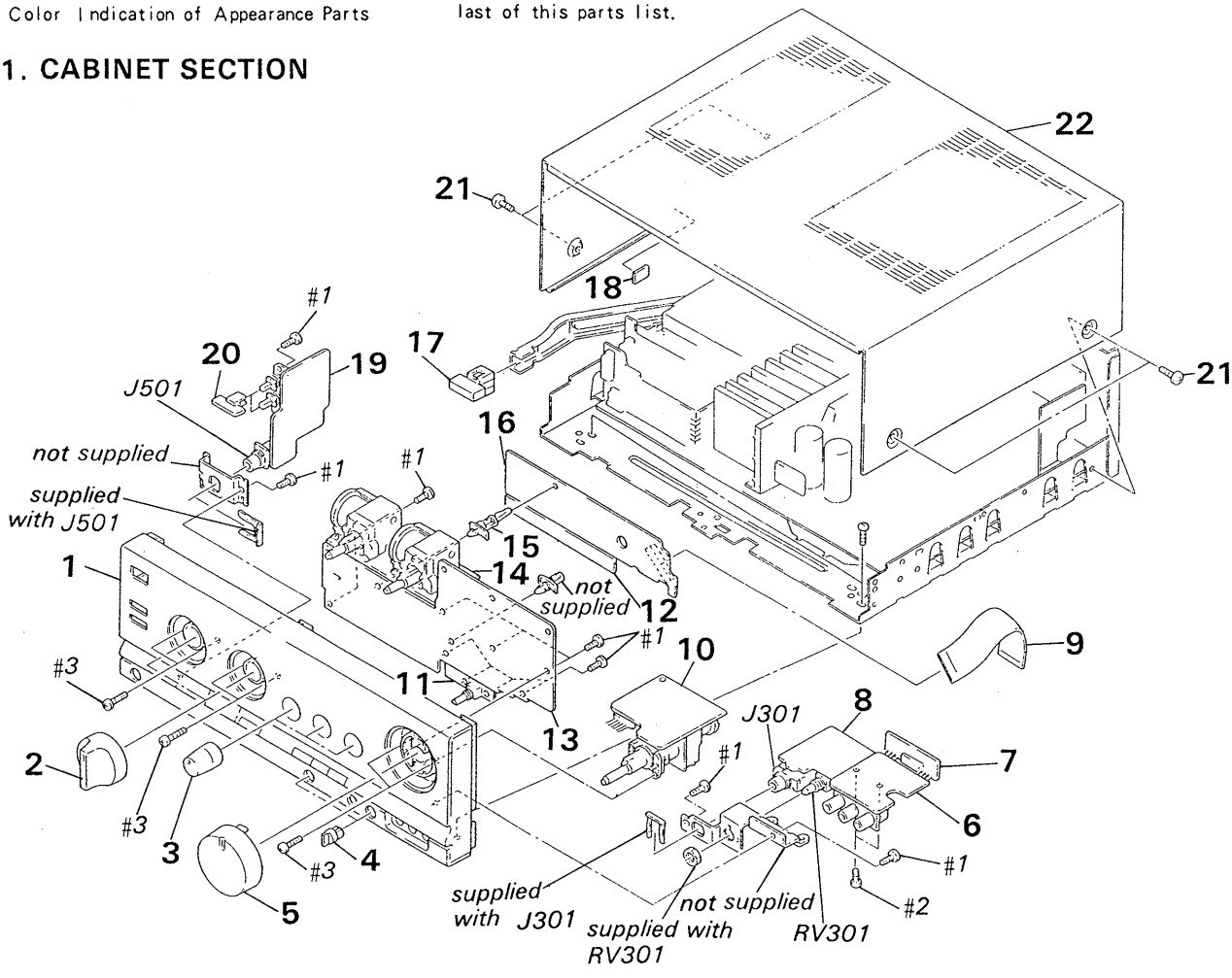
Example:
KNOB, BALANCE(WHITE)...(WHT)
↑ ↑
Part's Color Cabinet's Color

- Hardware (#mark) list is given in the last of this parts list.

EA : Saudi Arabia
AUS : Australian

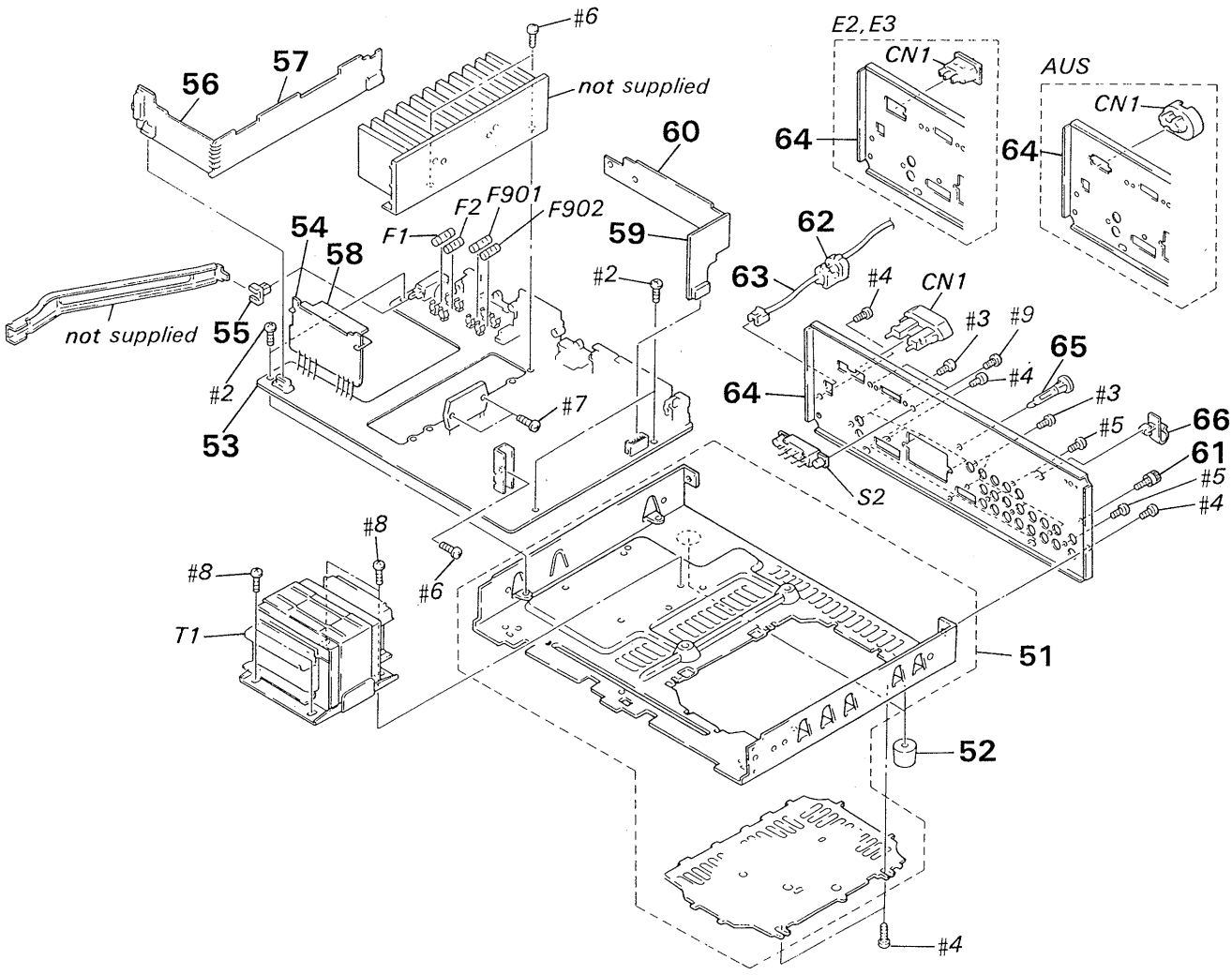
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

3-1. CABINET SECTION



Ref. No.	Part No.	Description	Remark
1	X-4941-407-1	PANEL ASSY, FRONT (E3, EA)	
1	X-4941-408-1	PANEL (M) ASSY, FRONT (E2, AUS)	
2	X-4941-026-1	KNOB (DIA. 36) ASSY, SQUARE	
3	4-943-979-01	KNOB (DIA. 16), ROUND	
4	4-933-116-11	KNOB (C, TYPE), LOV	
5	X-4941-136-1	KNOB ASSY, ROUND	
6	1-639-090-11	VIDEO 3 BOARD	
7	1-639-091-11	VIDEO 3 CON BOARD	
8	1-639-089-11	MIC BOARD	
9	* 1-590-242-11	WIRE, FLAT TYPE (25 CORE)	
10	1-639-082-11	MAIN VOL BOARD	
11	1-639-085-11	DBFB VOL BOARD	
12	1-639-086-11	MICOM CON. BOARD	
13	* A-4341-960-A	PANEL BOARD, COMPLETE (E3, EA)	
13	* A-4341-961-A	PANEL BOARD, COMPLETE (E2, AUS)	
14	1-639-083-11	ROTARY F SW BOARD	
15	* 4-924-098-01	HOLDER, PC BOARD	
16	* A-4341-964-A	MICOM BOARD, COMPLETE (E3, EA)	
16	* A-4341-965-A	MICOM BOARD, COMPLETE (E2, AUS)	
17	4-921-919-01	BUTTON (P)	
18	* 4-911-047-01	VIBRATION CONTROL (D)	
19	1-639-088-11	SP SW BOARD	
20	4-937-308-01	BUTTON (SP)	
21	3-363-099-01	SCREW (CASE +3X8 TP2)	
22	* 4-939-803-91	CASE	
J301	1-507-849-11	JACK, LARGE TYPE (MIC)	
J501	1-507-796-21	JACK (HEADPHONES)	
RV301	1-241-317-11	RES, VAR, CARBON 50K	

3-2. MAIN BOARD SECTION



Ref. No.	Part No.	Description	Remark
51	* X-4917-246-1	CHASSIS ASSY	
52	4-931-169-01	FOOT	
53	* A-4341-954-A	MAIN BOARD, COMPLETE	
54	1-639-065-11	POWER BOARD	
55	4-866-342-00	JOINT (B), KNOB	
56	1-639-096-11	SP CON. (C) BOARD	
57	1-639-095-11	SP CON. (B) BOARD	
58	1-639-066-11	TRANS CON. BOARD	
59	1-639-092-11	VIDEO CON. BOARD	
60	* A-4341-972-A	VIDEO BOARD, COMPLETE	
61	3-706-165-00	SCREW	
62	* 3-703-244-02	BUSHING (S) (4516), CORD (EA, AUS)	
62	* 3-703-571-11	BUSHING (S) (4516), CORD (E2, E3)	
63	⚠ 1-575-654-11	CORD, POWER (EA)	
63	⚠ 1-575-656-11	CORD, POWER (E2, E3)	
63	⚠ 1-690-056-11	CORD, POWER (AUS)	

Ref. No.	Part No.	Description	Remark
64	* 4-943-604-51	PANEL (B3120), BACK (E2, E3)	
64	* 4-943-604-61	PANEL (B3120), BACK (EA)	
64	* 4-943-604-71	PANEL (B3120), BACK (AUS)	
65	* 4-912-181-21	SUPPORT, PC	
66	* 2-379-614-01	HOOK	
CN1	⚠ 1-526-882-00	OUTLET, AC (E2, E3)	
CN1	⚠ 1-526-794-11	OUTLET, AC (EA)	
CN1	⚠ 1-540-196-11	OUTLET, AC (AUS)	
F1	⚠ 1-532-388-51	FUSE (T2A)	
F2	⚠ 1-532-388-51	FUSE (T2A)	
F901	⚠ 1-532-388-51	FUSE (T2A)	
F902	⚠ 1-532-388-51	FUSE (T2A)	
S2	⚠ 1-570-307-11	SWITCH, VOLTAGE CHANGE	
T1	⚠ 1-450-480-11	TRANSFORMER, POWER	

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

SECTION 4
ELECTRICAL PARTS LIST

MAIN | POWER | TRANS CON.

EA : Saudi Arabia
AUS : Australian

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- RESISTORS
  All resistors are in ohms

METAL : Metal-film resistor
METAL OXIDE : Metal Oxide-film resistor
F : nonflammable

- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA··· : μA···, uPA··· : μPA···,
  uPB··· : μPB···, uPC··· : μPC···,
  uPD··· : μPD···
- CAPACITORS
  uF : μF
- COILS
  uH : μH

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board name.

Ref. No.	Part No.	Description			Remark
	* A-4341-954-A	MAIN BOARD, COMPLETE			
		**********			
	* 1-639-065-11	POWER BOARD			
		**********			
	* 1-639-066-11	TRANS CON. BOARD			
		**********			
	* 1-533-213-31	HOLDER, FUSE			
	* 1-533-213-31	HOLDER, FUSE			
	* 4-942-204-01	PLATE, GROUND			
	7-682-548-04	SCREW +BVTT 3X8 (S)			
		< CAPACITOR >			
C1	1-161-744-00	CERAMIC	0.01uF		400V
C102	1-124-257-00	ELECT	2.2uF	20%	50V
C103	1-162-282-31	CERAMIC	100PF	10%	50V
C104	1-162-219-31	CERAMIC	68PF	5%	50V
C105	1-124-910-11	ELECT	47uF	20%	50V
C106	1-130-480-00	MYLAR	0.0056uF	5%	50V
C107	1-130-473-00	MYLAR	0.0015uF	5%	50V
C108	1-124-464-11	ELECT	0.22uF	20%	50V
C109	1-124-910-11	ELECT	47uF	20%	50V
C111	1-124-257-00	ELECT	2.2uF	20%	50V
C113	1-126-161-11	ELECT	2.2uF	20%	50V
C115	1-126-161-11	ELECT	2.2uF	20%	50V
C122	1-126-059-11	ELECT	10uF	20%	50V
C123	1-162-219-31	CERAMIC	68PF	5%	50V
C124	1-162-207-31	CERAMIC	22PF	5%	50V
C125	1-126-161-11	ELECT	2.2uF	20%	50V
C135	1-124-463-00	ELECT	0.1uF	20%	50V
C136	1-126-301-11	ELECT	1uF	20%	50V
C138	1-124-910-11	ELECT	47uF	20%	50V
C202	1-124-257-00	ELECT	2.2uF	20%	50V

Ref. No.	Part No.	Description			Remark
C203	1-162-282-31	CERAMIC	100PF	10%	50V
C204	1-162-219-31	CERAMIC	68PF	5%	50V
C205	1-124-910-11	ELECT	47uF	20%	50V
C206	1-130-480-00	MYLAR	0.0056uF	5%	50V
C207	1-130-473-00	MYLAR	0.0015uF	5%	50V
C208	1-124-464-11	ELECT	0.22uF	20%	50V
C209	1-124-910-11	ELECT	47uF	20%	50V
C211	1-124-257-00	ELECT	2.2uF	20%	50V
C213	1-126-161-11	ELECT	2.2uF	20%	50V
C215	1-126-161-11	ELECT	2.2uF	20%	50V
C222	1-126-059-11	ELECT	10uF	20%	50V
C223	1-162-219-31	CERAMIC	68PF	5%	50V
C224	1-162-207-31	CERAMIC	22PF	5%	50V
C225	1-126-161-11	ELECT	2.2uF	20%	50V
C238	1-124-910-11	ELECT	47uF	20%	50V
C409	1-162-306-11	CERAMIC	0.01uF	20%	16V
C501	1-126-059-11	ELECT	10uF	20%	50V
C502	1-162-282-31	CERAMIC	100PF	10%	50V
C503	1-162-286-31	CERAMIC	220PF	10%	50V
C504	1-126-101-11	ELECT	100uF	20%	16V
C505	1-124-572-11	ELECT	100uF	20%	63V
C506	1-124-910-11	ELECT	47uF	20%	50V
C507	1-126-059-11	ELECT	10uF	20%	63V
C508	1-130-493-00	MYLAR	0.068uF	5%	50V
C509	1-130-493-00	MYLAR	0.068uF	5%	50V
C551	1-126-059-11	ELECT	10uF	20%	50V
C552	1-162-282-31	CERAMIC	100PF	10%	50V
C553	1-162-286-31	CERAMIC	220PF	10%	50V
C554	1-126-101-11	ELECT	100uF	20%	16V
C555	1-124-572-11	ELECT	100uF	20%	63V
C556	1-124-910-11	ELECT	47uF	20%	50V
C557	1-161-494-00	CERAMIC	0.022uF		25V
C558	1-130-493-00	MYLAR	0.068uF	5%	50V
C559	1-130-493-00	MYLAR	0.068uF	5%	50V

MAIN POWER TRANS CON.

Ref. No.	Part No.	Description			Remark
C601	1-126-101-11	ELECT	100uF	20% 16V	
C602	1-126-101-11	ELECT	100uF	20% 16V	
C603	1-126-163-11	ELECT	4.7uF	20% 50V	
C604	1-124-994-11	ELECT	100uF	20% 10V	
C901	1-126-258-11	ELECT	4700uF	20% 56V	
C902	1-126-258-11	ELECT	4700uF	20% 56V	
C905	1-124-920-11	ELECT	330uF	20% 63V	
C906	1-126-233-11	ELECT	22uF	20% 50V	
C907	1-124-122-11	ELECT	100uF	20% 50V	
C908	1-124-994-11	ELECT	100uF	20% 10V	
C909	1-126-027-11	ELECT	1000uF	20% 25V	
C910	1-126-027-11	ELECT	1000uF	20% 25V	
C911	1-124-910-11	ELECT	47uF	20% 50V	
C912	1-124-910-11	ELECT	47uF	20% 50V	
C913	1-126-023-11	ELECT	100uF	20% 16V	
C914	1-126-023-11	ELECT	100uF	20% 16V	
C915	1-124-910-11	ELECT	47uF	20% 50V	
C916	1-124-463-00	ELECT	0.1uF	20% 50V	
C917	1-130-491-00	MYLAR	0.047uF	5% 50V	
C918	1-126-059-11	ELECT	10uF	20% 50V	
		< CONNECTOR >			
CN101	* 1-566-858-41	SOCKET, CONNECTOR 11P			
CN701	* 1-568-841-11	SOCKET, CONNECTOR 25P			
CN901	* 1-566-859-11	SOCKET, CONNECTOR 15P			
CNJ501	* 1-569-491-11	SOCKET, CONNECTOR 5P			
CNJ601	1-569-492-11	SOCKET, CONNECTOR 6P			
CNP1	* 1-564-321-00	PIN, CONNECTOR 2P			
CNP301	* 1-565-344-11	PIN, CONNECTOR (PC BOARD) 8P			
CNP401	* 1-565-344-11	PIN, CONNECTOR (PC BOARD) 8P			
		< CERAMIC >			
CP901	1-102-394-11	CERAMIC	0.01uF	250V	
CP902	1-102-394-11	CERAMIC	0.01uF	250V	
		< DIODE >			
D501	8-719-815-85	DIODE 1S1585			
D551	8-719-815-85	DIODE 1S1585			
D601	8-719-815-85	DIODE 1S1585			
D602	8-719-815-85	DIODE 1S1585			
D603	8-719-815-85	DIODE 1S1585			
D604	8-719-815-85	DIODE 1S1585			
D710	8-719-815-85	DIODE 1S1585			
D712	8-719-000-84	DIODE UZL-7M1			
D901	8-719-302-38	DIODE RBV-602-01			
D902	8-719-200-77	DIODE 10E2N			
D903	8-719-002-67	DIODE UZL-33H			
D904	8-719-014-88	DIODE UZP-6.8BC			
D905	8-719-200-77	DIODE 10E2N			
D906	8-719-200-77	DIODE 10E2N			
D907	8-719-200-77	DIODE 10E2N			
D908	8-719-200-77	DIODE 10E2N			
D909	8-719-200-77	DIODE 10E2N			
D910	8-719-200-77	DIODE 10E2N			
		< IC >			
IC101	8-759-634-50	IC M5218LA			
IC102	8-759-805-13	IC LC7821			
IC103	8-759-634-50	IC M5218AL			
IC104	8-759-801-01	IC LC4066			
IC105	8-759-801-01	IC LC4066			
IC501	8-749-920-90	IC STK4201MK2			
IC601	8-759-111-68	IC uPC1237HA			
IC901	8-759-604-32	IC M5F7810L			
IC902	8-759-604-50	IC M5F7910L			
IC903	8-759-820-13	IC L78MR06			
		< JACK >			
J101	1-565-352-11	JACK, PIN 2P (PHONO)			
J102	1-565-320-11	JACK, PIN 6P (CD EQUALIZER)			
J103	1-565-258-11	JACK, PIN 4P (VIDEO 2)			
J104	1-565-258-11	JACK, PIN 4P (VIDEO 1/DAT)			
J502	1-565-352-11	JACK, PIN 2P (SURROUND SPEAKER)			
		< COIL >			
L501	* 1-420-872-00	COIL, AIR CORE			
L551	* 1-420-872-00	COIL, AIR CORE			
		< TRANSISTOR >			
Q103	8-729-900-36	TRANSISTOR DTC124ES			
Q104	8-729-900-63	TRANSISTOR DTA124ES			
Q105	8-729-900-63	TRANSISTOR DTA124ES			
Q106	8-729-900-63	TRANSISTOR DTA124ES			
Q501	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA			
Q551	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA			
Q601	8-729-900-63	TRANSISTOR DTA124ES			
Q901	8-729-111-67	TRANSISTOR 2SB1094-L			
		< RESISTOR >			
R102	1-249-441-11	CARBON	100K	5% 1/4W	
R103	1-249-417-11	CARBON	1K	5% 1/4W	
R104	1-249-441-11	CARBON	100K	5% 1/4W	
R105	1-249-416-11	CARBON	820	5% 1/4W	
R106	1-247-897-11	CARBON	560K	5% 1/4W	
R107	1-249-437-11	CARBON	47K	5% 1/4W	

MAIN POWER TRANS CON.

Ref. No.	Part No.	Description			Remark
R108	1-249-441-11	CARBON	100K	5%	1/4W
R109	1-249-417-11	CARBON	1K	5%	1/4W
R110	1-249-409-11	CARBON	220	5%	1/4W
R111	1-249-417-11	CARBON	1K	5%	1/4W
R112	1-247-903-00	CARBON	1M	5%	1/4W
R113	1-249-417-11	CARBON	1K	5%	1/4W
R114	1-247-903-00	CARBON	1M	5%	1/4W
R115	1-249-417-11	CARBON	1K	5%	1/4W
R116	1-247-903-00	CARBON	1M	5%	1/4W
R119	1-249-413-11	CARBON	470	5%	1/4W
R120	1-247-903-00	CARBON	1M	5%	1/4W
R121	1-249-413-11	CARBON	470	5%	1/4W
R122	1-247-903-00	CARBON	1M	5%	1/4W
R123	1-249-413-11	CARBON	470	5%	1/4W
R124	1-247-903-00	CARBON	1M	5%	1/4W
R125	1-249-417-11	CARBON	1K	5%	1/4W
R126	1-247-903-00	CARBON	1M	5%	1/4W
R127	1-249-417-11	CARBON	1K	5%	1/4W
R128	1-247-903-00	CARBON	1M	5%	1/4W
R129	1-249-417-11	CARBON	1K	5%	1/4W
R130	1-247-903-00	CARBON	1M	5%	1/4W
R131	1-247-903-00	CARBON	1M	5%	1/4W
R132	1-249-438-11	CARBON	56K	5%	1/4W
R133	1-249-438-11	CARBON	56K	5%	1/4W
R134	1-247-903-00	CARBON	1M	5%	1/4W
R135	1-249-438-11	CARBON	56K	5%	1/4W
R148	1-249-433-11	CARBON	22K	5%	1/4W
R149	1-249-441-11	CARBON	100K	5%	1/4W
R150	1-249-417-11	CARBON	1K	5%	1/4W
R151	1-249-417-11	CARBON	1K	5%	1/4W
R152	1-249-417-11	CARBON	1K	5%	1/4W
R153	1-249-433-11	CARBON	22K	5%	1/4W
R154	1-249-433-11	CARBON	22K	5%	1/4W
R155	1-249-417-11	CARBON	1K	5%	1/4W
R156	1-249-433-11	CARBON	22K	5%	1/4W
R157	1-249-417-11	CARBON	1K	5%	1/4W
R162	1-249-417-11	CARBON	1K	5%	1/4W
R202	1-249-441-11	CARBON	100K	5%	1/4W
R203	1-249-417-11	CARBON	1K	5%	1/4W
R204	1-249-441-11	CARBON	100K	5%	1/4W
R205	1-249-416-11	CARBON	820	5%	1/4W
R206	1-247-897-11	CARBON	560K	5%	1/4W
R207	1-249-437-11	CARBON	47K	5%	1/4W
R208	1-249-441-11	CARBON	100K	5%	1/4W
R209	1-249-417-11	CARBON	1K	5%	1/4W
R210	1-249-409-11	CARBON	220	5%	1/4W
R211	1-249-417-11	CARBON	1K	5%	1/4W
R212	1-247-903-00	CARBON	1M	5%	1/4W
R213	1-249-417-11	CARBON	1K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R214	1-247-903-00	CARBON	1M	5%	1/4W
R215	1-249-417-11	CARBON	1K	5%	1/4W
R216	1-247-903-00	CARBON	1M	5%	1/4W
R219	1-249-413-11	CARBON	470	5%	1/4W
R220	1-247-903-00	CARBON	1M	5%	1/4W
R221	1-249-413-11	CARBON	470	5%	1/4W
R222	1-247-903-00	CARBON	1M	5%	1/4W
R223	1-249-413-11	CARBON	470	5%	1/4W
R224	1-247-903-00	CARBON	1M	5%	1/4W
R225	1-249-417-11	CARBON	1K	5%	1/4W
R226	1-247-903-00	CARBON	1M	5%	1/4W
R227	1-249-417-11	CARBON	1K	5%	1/4W
R228	1-247-903-00	CARBON	1M	5%	1/4W
R229	1-249-417-11	CARBON	1K	5%	1/4W
R230	1-247-903-00	CARBON	1M	5%	1/4W
R231	1-247-903-00	CARBON	1M	5%	1/4W
R232	1-249-438-11	CARBON	56K	5%	1/4W
R233	1-249-438-11	CARBON	56K	5%	1/4W
R234	1-247-903-00	CARBON	1M	5%	1/4W
R235	1-249-438-11	CARBON	56K	5%	1/4W
R501	1-249-417-11	CARBON	1K	5%	1/4W
R502	1-249-438-11	CARBON	56K	5%	1/4W
R503	1-249-413-11	CARBON	470	5%	1/4W
R504	1-249-438-11	CARBON	56K	5%	1/4W
R505	1-247-760-11	CARBON	4.7K	5%	1/2W
R506	1-247-760-11	CARBON	4.7K	5%	1/2W
R507	⚠ 1-212-881-11	FUSIBLE	100	5%	1/4W F
R508	1-247-752-11	CARBON	1K	5%	1/2W
R509	1-247-752-11	CARBON	1K	5%	1/2W
R510	1-249-417-11	CARBON	1K	5%	1/4W
R511	1-249-431-11	CARBON	15K	5%	1/4W
R512	1-217-156-00	RES, METAL PLATE 0.22			
R513	1-249-441-11	CARBON	100K	5%	1/4W
R514	1-249-438-11	CARBON	56K	5%	1/4W
R515	1-247-727-11	CARBON	10	5%	1/2W
R516	1-247-727-11	CARBON	10	5%	1/2W
R551	1-249-417-11	CARBON	1K	5%	1/4W
R552	1-249-438-11	CARBON	56K	5%	1/4W
R553	1-249-413-11	CARBON	470	5%	1/4W
R554	1-249-438-11	CARBON	56K	5%	1/4W
R555	1-247-760-11	CARBON	4.7K	5%	1/2W
R556	1-247-760-11	CARBON	4.7K	5%	1/2W
R557	⚠ 1-212-881-11	FUSIBLE	100	5%	1/4W F
R560	1-249-417-11	CARBON	1K	5%	1/4W
R561	1-249-431-11	CARBON	15K	5%	1/4W
R562	1-217-156-00	RES, METAL PLATE 0.22			
R563	1-249-441-11	CARBON	100K	5%	1/4W
R564	1-249-437-11	CARBON	47K	5%	1/4W
R565	1-247-727-11	CARBON	10	5%	1/2W

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

MAIN **POWER** **TRANS CON.** **PANEL** **MICOM** **VIDEO**

MAIN VOL **ROTARY F SW** **DBFB VOL** **MICOM CON.**

SP SW **MIC** **VIDEO 3** **VIDEO 3 CON.** **VIDEO CON.**

SP CON. (B) **SP CON. (C)**

Ref. No.	Part No.	Description				Remark
R566	1-247-727-11	CARBON	10	5%	1/2W	
R601	1-249-429-11	CARBON	10K	5%	1/4W	
R602	1-249-441-11	CARBON	100K	5%	1/4W	
R603	1-249-433-11	CARBON	22K	5%	1/4W	
R604	1-249-437-11	CARBON	47K	5%	1/4W	
R605	1-249-487-11	CARBON	15K	5%	1/2W	
R606	⚠ 1-216-457-00	METAL OXIDE	1.2K	5%	2W	F
R901	1-214-789-00	RES, METAL PLATE	0.1			
R902	1-214-789-00	RES, METAL PLATE	0.1			
R903	1-214-789-00	RES, METAL PLATE	0.1			
R904	1-214-789-00	RES, METAL PLATE	0.1			
R905	1-214-789-00	RES, METAL PLATE	0.1			
R906	1-214-789-00	RES, METAL PLATE	0.1			
R907	1-249-422-11	CARBON	2.7K	5%	1/4W	
R908	1-247-761-11	CARBON	5.6K	5%	1/2W	
R909	⚠ 1-217-469-00	FUSIBLE	1	5%	1W	F
R910	⚠ 1-217-469-00	FUSIBLE	1	5%	1W	F
R950	1-247-713-11	CARBON	1K	5%	1/4W	
		< RELAY >				
RY601	1-515-765-11	RELAY				
		< SWITCH >				
S1	⚠ 1-554-920-51	SWITCH, PUSH (AC POWER) (1 KEY)				
		< TERMINAL >				
TM1	* 1-535-142-00	BASE POST 19MM (10MM PITCH) 5P				
TM501	1-536-706-00	TERMINAL BOARD (SP)				

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*	A-4341-960-A	PANEL BOARD, COMPLETE (E3, EA)
*	A-4341-961-A	PANEL BOARD, COMPLETE (E2, AUS)
		**********
*	A-4341-964-A	MICOM BOARD, COMPLETE (E3, EA)
*	A-4341-965-A	MICOM BOARD, COMPLETE (E2, AUS)
		**********
*	A-4341-972-A	VIDEO BOARD, COMPLETE
		**********
*	1-639-082-11	MAIN VOL BOARD
		**********
*	1-639-083-11	ROTARY F SW BOARD
		**********
*	1-639-085-11	DBFB VOL BOARD
		**********
*	1-639-086-11	MICOM CON. BOARD
		**********
*	1-639-088-11	SP SW BOARD
		**********
*	1-639-089-11	MIC BOARD
		**********
*	1-639-090-11	VIDEO 3 BOARD
		**********
*	1-639-091-11	VIDEO 3 CON. BOARD
		**********
*	1-639-092-11	VIDEO CON. BOARD
		**********
*	1-639-095-11	SP CON. (B) BOARD
		**********
*	1-639-096-11	SP CON. (C) BOARD
		**********

< CAPACITOR >

Ref. No.	Part No.	Description			Remark
C117	1-126-161-11	ELECT	2.2uF	20%	50V
C126	1-130-473-00	MYLAR	0.0015uF	5%	50V
C127	1-130-484-00	MYLAR	0.012uF	5%	50V
C128	1-130-484-00	MYLAR	0.012uF	5%	50V
C129	1-162-219-31	CERAMIC	68PF	5%	50V
C130	1-162-282-31	CERAMIC	100PF	10%	50V
C131	1-126-161-11	ELECT	2.2uF	20%	50V
C132	1-136-169-00	FILM	0.22uF	5%	50V
C134	1-124-465-00	ELECT	0.47uF	20%	50V
C137	1-124-910-11	ELECT	47uF	20%	50V
C217	1-126-161-11	ELECT	2.2uF	20%	50V
C226	1-130-473-00	MYLAR	0.0015uF	5%	50V
C227	1-130-484-00	MYLAR	0.012uF	5%	50V
C228	1-130-484-00	MYLAR	0.012uF	5%	50V
C229	1-162-219-31	CERAMIC	68PF	5%	50V
C230	1-162-282-31	CERAMIC	100PF	10%	50V
C231	1-126-161-11	ELECT	2.2uF	20%	50V
C232	1-136-169-00	FILM	0.22uF	5%	50V
C234	1-124-465-00	ELECT	0.47uF	20%	50V
C237	1-124-910-11	ELECT	47uF	20%	50V
C301	1-124-257-00	ELECT	2.2uF	20%	50V
C302	1-162-294-31	CERAMIC	0.001uF	10%	50V
C303	1-162-219-31	CERAMIC	68PF	5%	50V
C304	1-162-284-31	CERAMIC	150PF	10%	50V
C305	1-124-463-00	ELECT	0.1uF	20%	50V
C306	1-124-257-00	ELECT	2.2uF	20%	50V
C307	1-162-219-31	CERAMIC	68PF	5%	50V
C308	1-161-375-00	CERAMIC	0.0022uF	20%	50V
C309	1-130-493-00	MYLAR	0.068uF	5%	50V
C310	1-124-234-00	ELECT	22uF	20%	16V
C311	1-124-234-00	ELECT	22uF	20%	16V
C401	1-126-059-11	ELECT	10uF	20%	50V
C402	1-126-059-11	ELECT	10uF	20%	50V
C403	1-126-059-11	ELECT	10uF	20%	50V
C404	1-124-471-00	ELECT	1000uF	20%	6.3V

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

PANEL | MICOM | VIDEO | MAIN VOL | ROTARY F SW

DBFB VOL | MICOM CON. | SP SW | MIC | VIDEO 3

VIDEO 3 CON. | VIDEO CON. | SP CON. (B) | SP CON. (C)

Ref. No.	Part No.	Description			Remark
C405	1-124-471-00	ELECT	1000uF	20%	6.3V
C406	1-124-471-00	ELECT	1000uF	20%	6.3V
C407	1-161-494-00	CERAMIC	0.022uF		25V
C408	1-126-049-11	ELECT	22uF	20%	25V
C701	1-161-494-00	CERAMIC	0.022uF		25V
C702	1-161-494-00	CERAMIC	0.022uF		25V
C703	1-161-494-00	CERAMIC	0.022uF		25V
C704	1-124-638-11	ELECT	22uF	20%	10V
C705	1-126-154-11	ELECT	47uF	20%	6.3V
C706	1-161-494-00	CERAMIC	0.022uF		25V
C707	1-126-154-11	ELECT	47uF	20%	6.3V
C708	1-161-494-00	CERAMIC	0.022uF		25V
C709	1-136-165-00	FILM	0.1uF	5%	50V
C710	1-136-153-00	FILM	0.01uF	5%	50V
C711	1-162-294-31	CERAMIC	0.001uF	10%	50V
C712	1-161-494-00	CERAMIC	0.022uF		25V
C713	1-126-059-11	ELECT	10uF	20%	50V
C714	1-161-494-00	CERAMIC	0.022uF		25V
C715	1-161-494-00	CERAMIC	0.022uF		25V
C716	1-126-049-11	ELECT	22uF	20%	25V
C717	1-161-494-00	CERAMIC	0.022uF		25V
C718	1-126-022-11	ELECT	47uF	20%	16V
C719	1-161-494-00	CERAMIC	0.022uF		25V
C720	1-125-507-11	CAP, DOUBLE LAYERS 0.22F			
C721	1-164-159-11	CERAMIC	0.1uF		50V
		< VIBRATOR >			
CF701	1-577-359-21	VIBRATOR, CERAMIC			
		< CONNECTOR >			
CN702 *	1-568-841-11	SOCKET, CONNECTOR 25P			
CNJ201 *	1-565-364-11	HOUSING, CONNECTOR (PC BOARD) 11P			
CNJ301 *	1-565-347-11	SOCKET, CONNECTOR (PC BOARD) 8P			
CNJ401 *	1-565-347-11	SOCKET, CONNECTOR (PC BOARD) 8P			
CNJ502	1-569-497-11	SOCKET, CONNECTOR 11P			
CNP201 *	1-565-365-11	PIN, CONNECTOR (PC BOARD) 11P			
CNP501 *	1-569-500-11	PIN, CONNECTOR 5P			
CNP502 *	1-569-506-11	PIN, CONNECTOR 11P			
CNP601 *	1-569-501-11	PIN, CONNECTOR 6P			
		< DIODE >			
D401	8-719-200-77	DIODE 10E2N			
D701	8-719-301-37	DIODE SEL2210S-CD			
D702	8-719-301-37	DIODE SEL2210S-CD			
D703	8-719-301-37	DIODE SEL2210S-CD			
D704	8-719-301-37	DIODE SEL2210S-CD (E3, EA)			
D705	8-719-301-37	DIODE SEL2210S-CD (E3, EA)			
D706	8-719-301-37	DIODE SEL2210S-CD (E3, EA)			
D707	8-719-200-77	DIODE 10E2N			
D708	8-719-200-77	DIODE 10E2N			
D709	8-719-200-77	DIODE 10E2N			
D711	8-719-912-20	DIODE 1SS120			
D713	8-719-912-20	DIODE 1SS120			
D714	8-719-200-77	DIODE 10E2N			
D715	8-719-200-77	DIODE 10E2N			
D716	8-719-200-82	DIODE 11ES2			
D717	8-719-200-82	DIODE 11ES2			
D718	8-719-200-82	DIODE 11ES2			
D719	8-719-200-77	DIODE 10E2N			
D720	8-719-912-20	DIODE 1SS120			
D721	8-719-912-20	DIODE 1SS120			
D722	8-719-912-20	DIODE 1SS120			
D723	8-719-912-20	DIODE 1SS120			
		< IC >			
IC106	8-759-801-01	IC LC4966			
IC107	8-759-801-01	IC LC4966			
IC108	8-759-634-50	IC M5218AL			
IC109	8-759-634-50	IC M5218AL			
IC301	8-759-710-73	IC NJM4580L			
IC401	8-759-991-77	IC BA7625			
IC701	8-759-153-82	IC uPD75106CW-191			
IC702	8-759-962-08	IC BA6208			
IC703	8-759-962-08	IC BA6208			
IC704	8-759-208-06	IC TC4051BPHB			
IC705	8-759-208-06	IC TC4051BPHB			
IC706	8-759-991-02	IC NE555P			
IC707	8-759-820-62	IC LB1639			
		< JACK >			
J105	1-580-174-41	JACK, PIN (3P FRONT) (VIDEO 3)			
J301	1-507-854-00	JACK, PHONE (MIC)			
J401	1-565-934-11	JACK, PIN 2P (VIDEO 2)			
J402	1-565-933-11	JACK, PIN 3P (VIDEO 1/DAT, MONITOR)			
J501	1-507-796-71	JACK (HEADPHONES)			
		< COIL >			
L401	1-410-521-11	INDUCTOR	100uH		
		< TRANSISTOR >			
Q101	8-729-620-05	TRANSISTOR 2SC2603-EF			
Q102	8-729-141-26	TRANSISTOR 2SC3622A-LK			
Q107	8-729-900-36	TRANSISTOR DTC124ES			
Q108	8-729-900-63	TRANSISTOR DTA124ES			
Q109	8-729-900-63	TRANSISTOR DTA124ES			
Q110	8-729-900-63	TRANSISTOR DTA124ES			

PANEL MICOM VIDEO MAIN VOL ROTARY F SW DBFB VOL MICOM CON. SP SW MIC VIDEO 3 VIDEO 3 CON. VIDEO CON. SP CON. (B) SP CON. (C)

Ref. No.	Part No.	Description	Remark
Q201	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q202	8-729-141-26	TRANSISTOR 2SC3622A-LK	
Q401	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q402	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q403	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q404	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q701	8-729-900-36	TRANSISTOR DTC124ES	
Q702	8-729-900-63	TRANSISTOR DTA124ES	
Q703	8-729-900-36	TRANSISTOR DTC124ES	
Q704	8-729-900-63	TRANSISTOR DTA124ES	
Q705	8-729-900-63	TRANSISTOR DTA124ES	
Q706	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q707	8-729-900-36	TRANSISTOR DTC124ES	

< RESISTOR >

Ref. No.	Part No.	Description			Remark
R117	1-249-417-11	CARBON	1K	5%	1/4W
R118	1-247-903-00	CARBON	1M	5%	1/4W
R136	1-249-428-11	CARBON	8.2K	5%	1/4W
R137	1-249-435-11	CARBON	33K	5%	1/4W
R138	1-249-435-11	CARBON	33K	5%	1/4W
R139	1-247-903-00	CARBON	1M	5%	1/4W
R140	1-249-417-11	CARBON	1K	5%	1/4W
R141	1-249-433-11	CARBON	22K	5%	1/4W
R142	1-249-425-11	CARBON	4.7K	5%	1/4W
R143	1-249-424-11	CARBON	3.9K	5%	1/4W
R144	1-249-441-11	CARBON	100K	5%	1/4W
R145	1-249-427-11	CARBON	6.8K	5%	1/4W
R146	1-249-412-11	CARBON	390	5%	1/4W
R147	1-249-429-11	CARBON	10K	5%	1/4W
R158	1-249-433-11	CARBON	22K	5%	1/4W
R159	1-249-433-11	CARBON	22K	5%	1/4W
R160	1-249-429-11	CARBON	10K	5%	1/4W
R161	1-249-441-11	CARBON	100K	5%	1/4W
R217	1-249-417-11	CARBON	1K	5%	1/4W
R218	1-247-903-00	CARBON	1M	5%	1/4W
R236	1-249-428-11	CARBON	8.2K	5%	1/4W
R237	1-249-435-11	CARBON	33K	5%	1/4W
R238	1-249-435-11	CARBON	33K	5%	1/4W
R239	1-247-903-00	CARBON	1M	5%	1/4W
R240	1-249-417-11	CARBON	1K	5%	1/4W
R241	1-249-433-11	CARBON	22K	5%	1/4W
R242	1-249-425-11	CARBON	4.7K	5%	1/4W
R243	1-249-424-11	CARBON	3.9K	5%	1/4W
R244	1-249-441-11	CARBON	100K	5%	1/4W
R245	1-249-427-11	CARBON	6.8K	5%	1/4W
R246	1-249-412-11	CARBON	390	5%	1/4W
R247	1-249-429-11	CARBON	10K	5%	1/4W
R301	1-249-441-11	CARBON	100K	5%	1/4W
R302	1-249-417-11	CARBON	1K	5%	1/4W
R303	1-249-429-11	CARBON	10K	5%	1/4W
R304	1-249-412-11	CARBON	390	5%	1/4W
R305	1-249-429-11	CARBON	10K	5%	1/4W
R306	1-249-417-11	CARBON	1K	5%	1/4W
R307	1-249-441-11	CARBON	100K	5%	1/4W
R308	1-249-417-11	CARBON	1K	5%	1/4W
R309	1-249-429-11	CARBON	10K	5%	1/4W
R310	1-249-416-11	CARBON	820	5%	1/4W
R401	1-247-804-11	CARBON	75	5%	1/4W
R402	1-247-804-11	CARBON	75	5%	1/4W
R403	1-247-804-11	CARBON	75	5%	1/4W
R404	1-249-403-11	CARBON	68	5%	1/4W
R405	1-249-429-11	CARBON	10K	5%	1/4W
R406	1-249-403-11	CARBON	68	5%	1/4W
R407	1-249-429-11	CARBON	10K	5%	1/4W
R408	1-249-403-11	CARBON	68	5%	1/4W
R409	1-249-429-11	CARBON	10K	5%	1/4W
R410	1-249-408-11	CARBON	180	5%	1/4W
R411	1-249-408-11	CARBON	180	5%	1/4W
R412	1-249-408-11	CARBON	180	5%	1/4W
R413	1-249-408-11	CARBON	180	5%	1/4W
R414	1-249-408-11	CARBON	180	5%	1/4W
R415	1-249-408-11	CARBON	180	5%	1/4W
R416	1-249-429-11	CARBON	10K	5%	1/4W
R417	1-249-417-11	CARBON	1K	5%	1/4W
R418	1-249-433-11	CARBON	22K	5%	1/4W
R419	1-249-417-11	CARBON	1K	5%	1/4W
R420	1-249-433-11	CARBON	22K	5%	1/4W
R517	1-247-750-11	CARBON	680	5%	1/2W
R567	1-247-750-11	CARBON	680	5%	1/2W
R701	1-249-433-11	CARBON	22K	5%	1/4W
R702	1-249-417-11	CARBON	1K	5%	1/4W
R703	1-249-429-11	CARBON	10K	5%	1/4W
R704	1-249-429-11	CARBON	10K	5%	1/4W
R705	1-249-429-11	CARBON	10K	5%	1/4W
R706	1-249-429-11	CARBON	10K	5%	1/4W
R707	1-249-429-11	CARBON	10K	5%	1/4W
R708	1-249-433-11	CARBON	22K	5%	1/4W
R709	1-249-433-11	CARBON	22K	5%	1/4W
R710	1-249-433-11	CARBON	22K	5%	1/4W
R711	1-249-433-11	CARBON	22K	5%	1/4W
R712	1-249-433-11	CARBON	22K	5%	1/4W
R713	1-249-433-11	CARBON	22K	5%	1/4W
R714	1-249-433-11	CARBON	22K	5%	1/4W
R715	1-249-433-11	CARBON	22K	5%	1/4W
R716	1-249-433-11	CARBON	22K	5%	1/4W
R717	1-249-429-11	CARBON	10K	5%	1/4W
R718	1-249-410-11	CARBON	270	5%	1/4W
R719	1-249-409-11	CARBON	220	5%	1/4W

PANEL | MICOM | VIDEO | MAIN VOL | ROTARY F SW | DBFB VOL | MICOM CON. | SP SW | MIC | VIDEO 3 | VIDEO 3 CON. | VIDEO CON. | SP CON. (B) | SP CON. (C)

Ref. No.	Part No.	Description			Remark
R720	1-249-410-11	CARBON	270	5%	1/4W
R721	1-249-410-11	CARBON	270	5%	1/4W
R722	1-249-421-11	CARBON	2.2K	5%	1/4W
R723	1-249-421-11	CARBON	2.2K	5%	1/4W
R724	1-249-421-11	CARBON	2.2K	5%	1/4W
R725	1-249-421-11	CARBON	2.2K	5%	1/4W
R726	1-249-412-11	CARBON	390	5%	1/4W(E3, EA)
R727	1-249-412-11	CARBON	390	5%	1/4W(E3, EA)
R728	1-249-412-11	CARBON	390	5%	1/4W(E3, EA)
R729	1-249-415-11	CARBON	680	5%	1/4W
R730	1-249-421-11	CARBON	2.2K	5%	1/4W
R731	1-249-429-11	CARBON	10K	5%	1/4W
R732	1-249-421-11	CARBON	2.2K	5%	1/4W
R733	1-249-429-11	CARBON	10K	5%	1/4W
R734	1-249-429-11	CARBON	10K	5%	1/4W
R735	1-249-429-11	CARBON	10K	5%	1/4W
R736	1-249-429-11	CARBON	10K	5%	1/4W
R737	1-249-429-11	CARBON	10K	5%	1/4W
R738	1-249-429-11	CARBON	10K	5%	1/4W
R739	1-249-429-11	CARBON	10K	5%	1/4W
R740	1-249-429-11	CARBON	10K	5%	1/4W
R741	1-249-429-11	CARBON	10K	5%	1/4W
R742	1-249-415-11	CARBON	680	5%	1/4W
R743	1-249-438-11	CARBON	56K	5%	1/4W
R744	1-247-885-00	CARBON	180K	5%	1/4W
R745	1-249-429-11	CARBON	10K	5%	1/4W
R746	1-249-417-11	CARBON	1K	5%	1/4W
R747	1-249-417-11	CARBON	1K	5%	1/4W
R748	1-249-433-11	CARBON	22K	5%	1/4W
R749	1-249-424-11	CARBON	3.9K	5%	1/4W
R750	1-249-429-11	CARBON	10K	5%	1/4W
R751	1-249-425-11	CARBON	4.7K	5%	1/4W
R752	1-249-429-11	CARBON	10K	5%	1/4W
R753	1-249-417-11	CARBON	1K	5%	1/4W
R754	1-247-903-00	CARBON	1M	5%	1/4W
R755	1-249-417-11	CARBON	1K	5%	1/4W
R756	1-249-415-11	CARBON	680	5%	1/4W
R757	1-249-419-11	CARBON	1.5K	5%	1/4W
R758	1-249-417-11	CARBON	1K	5%	1/4W
R759	1-249-417-11	CARBON	1K	5%	1/4W
R760	1-249-417-11	CARBON	1K	5%	1/4W
R761	1-249-417-11	CARBON	1K	5%	1/4W
R762	1-249-417-11	CARBON	1K	5%	1/4W
R763	1-249-433-11	CARBON	22K	5%	1/4W
R764	1-249-433-11	CARBON	22K	5%	1/4W
R765	1-249-433-11	CARBON	22K	5%	1/4W
R766	1-249-433-11	CARBON	22K	5%	1/4W
R767	1-249-417-11	CARBON	1K	5%	1/4W
R768	1-249-417-11	CARBON	1K	5%	1/4W
R769	1-249-417-11	CARBON	1K	5%	1/4W
R770	1-249-429-11	CARBON	10K	5%	1/4W
R771	1-249-417-11	CARBON	1K	5%	1/4W
R772	1-249-417-11	CARBON	1K	5%	1/4W
R773	1-249-417-11	CARBON	1K	5%	1/4W

< VARIABLE RESISTOR >

RV101	1-238-978-11	RES, VAR, CARBON 100KX2 (TREBLE)
RV102	1-238-978-11	RES, VAR, CARBON 100KX2 (BASS)
RV103	1-241-508-11	RES, VAR, CARBON 100K/100K (DBFB LEVEL)
RV104	1-238-459-11	RES, VAR, CARBON 100K (BALANCE)
RV105	1-238-708-21	RES, VAR, CARBON 10K/100K/100K (VOLUME)
RV301	1-241-317-11	RES, VAR, CARBON 50K (MIC LEVEL)

< SWITCH >

S501	1-571-987-11	SWITCH, PUSH (2 KEY) (SPEAKERS)
S701	1-572-733-11	SWITCH, ROTARY (WITH MOTOR) (FUNCTION VIDEO)
S702	1-572-732-11	SWITCH, ROTARY (WITH MOTOR) (FUNCTION AUDIO)
S703	1-554-303-21	SWITCH, TACTILE (SET) (E3, EA)
S704	1-554-303-21	SWITCH, TACTILE (3) (E3, EA)
S705	1-554-303-21	SWITCH, TACTILE (2) (E3, EA)
S706	1-554-303-21	SWITCH, TACTILE (1) (E3, EA)
S707	1-554-303-21	SWITCH, TACTILE (DBFB)
S708	1-554-303-21	SWITCH, TACTILE (EQ REC)
S709	1-554-303-21	SWITCH, TACTILE (CD DIRECT)

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MISCELLANEOUS

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9	* 1-590-242-11	WIRE, FLAT TYPE (25 CORE)
63	⚠ 1-575-654-11	CORD, POWER (EA)
63	⚠ 1-575-656-11	CORD, POWER (E2, E3)
63	⚠ 1-690-056-11	CORD, POWER (AUS)
CN1	⚠ 1-526-794-11	OUTLET, AC (EA)
CN1	⚠ 1-526-882-00	OUTLET, AC (E2, E3)
CN1	⚠ 1-540-196-11	OUTLET, AC (AUS)
F1	⚠ 1-532-388-51	FUSE (T2A)
F2	⚠ 1-532-388-51	FUSE (T2A)
F901	⚠ 1-532-388-51	FUSE (T2A)
F902	⚠ 1-532-388-51	FUSE (T2A)
J301	1-507-849-11	JACK, LARGE TYPE (MIC)
J501	1-507-796-21	JACK (HEADPHONES)
S2	⚠ 1-570-307-11	SWITCH, VOLTAGE CHANGE
T1	⚠ 1-450-480-11	TRANSFORMER, POWER

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description	Remark
		ACCESSORY & PACKING MATERIAL	
		**********	
*	4-934-859-01	CUSHION	

****

HARDWARE LIST

# 1	7-621-773-93	SCREW (PANEL 2.6 TP2)	
# 2	7-682-547-04	SCREW +BVTT 3X6 (S)	
# 3	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
# 4	7-682-547-09	SCREW +BVTT 3X6 (S)	
# 5	7-621-849-00	SCREW, TAPPING	
# 6	7-682-548-04	SCREW +BVTT 3X8 (S)	
# 7	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3	
# 8	7-682-560-04	SCREW +BVTT 4X6 (S)	
# 9	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	

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TA-D705

SONY

SERVICE MANUAL

E Model
Australian Model

SUPPLEMENT-1

File this supplement with the service manual.

Block Diagram

9-956-425-82

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BLOCK DIAGRAM